01.02.2019 ELL 301

Eddy Currents (- video of magnetic braking pendulum) 1. Direction of eddy currents? Attraction / repulsion forces faced by disc? **ລ**. Dependence of damping force on w? 3. -DChanging magnetic field due to moving conductor, rotating at angular velocity w. =) induced omf ~ - d (flux) ~ w dt A origin of the dampinglike & term.





Measuring Instruments



Wattmeter is an electrodynamometer type instrument to measure electric power in a circuit.

A pointer is attached to the movable coil and the deflection is proportional to the repulsive force generated from the currents moving through the two coils.



Courtesy Prof. S. Janardhanan